

LIST OF REFERENCE SIGNS

10	Bracket body labial surface portion
12	Bracket body lingual surface portion
14	Bracket body gingival surface portion
16	Bracket body occlusal surface portion
18	Bracket body mesial surface portion
20	Bracket body distal surface portion
22	Bracket body base foil
24	Metal wire mesh
26	Arch wire receiving slot
28	Slot labial surface
29	Slot lingual surface (when slot opens to the occlusal)
30	Slot gingival surface
32	Slot occlusal surface
34	Arch wire
36	Shutter member
38	Bracket body recess
40	Pivot member (pins) for shutter member
42	Pivot pin pivot axis
44	Bracket body wing members
46	Pivot pin receiving bores in wing members 44
48	Spot welds holding pivot member stationary
50	Shutter member (36) pivot portion
52	Shutter member (36) slot closure portion
54	Slot closure portion surface butting arch wire slot surface 30
56	Slot closure portion surface closing labial or occlusal side of arch wire slot
58	Slot closure portion surface aligning with arch wire slot surface 32
60	Bore in pivot portion receiving pivot member
61	Junction between pivot and slot closure portions of shutter member 36

62	Through slot in wall of pivot portion 50
64	Latch grooves in pivot pins 40 or in pivot portion 50
66	Latch projection on pivot portion 50 or on pivot member 40
68	Bulged part of movable segment constituting stop member
70	Groove on opposite wall of bulged part
72	Radially extending tool receiving hole
73	Tool for moving shutter member from slot closed position
74	Fixed end portion of attitude controlling spring
76	Free end portion of attitude controlling spring
78	Attitude controlling spring side arms
80	Recesses in bracket body receiving spring side arms 78
81	Wedge shaped body part providing extended bite plane
82	End surfaces of mesial-distal extending slot closure portion
84	Extended slot closure surfaces of slot closure portion
86	Surfaces on bracket body wings 44 cooperating with surfaces 84
88	Arrow showing operative direction of rotation of tool 71
90	Supplementary mesial distal extending bore in bracket body
92	Mesial distal extending slot receiving hook forming wire 94
94	Wire in slot 92 forming external hooks
96	Mesial distal slot receiving elastomeric ribbons
98	Narrow mouth of slot 96
100	Elastomeric thread
102	Stop bead or knot on elastomeric thread
104	Arm of recurved spring extension attached to shutter member
106	Arm of recurved spring extension providing free end
108	Surface of device body engaged by arm 106 to provide preload
110	Mesial distal device body surfaces supporting spring extension 104/106